FIG.1A

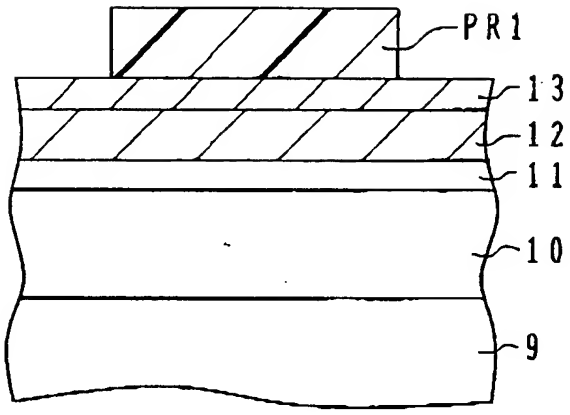

FIG.1B

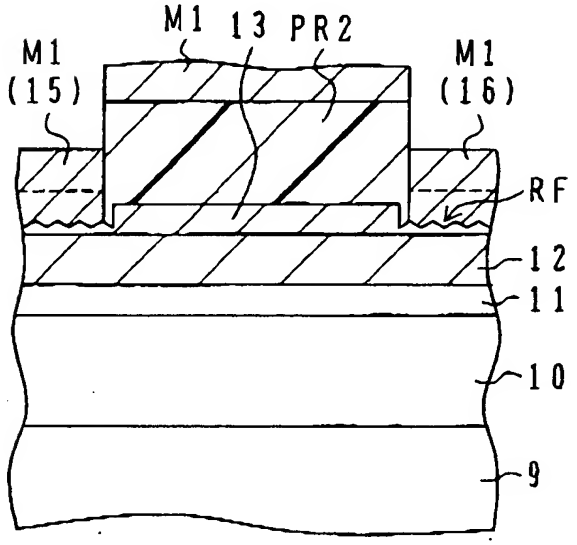

FIG.1C

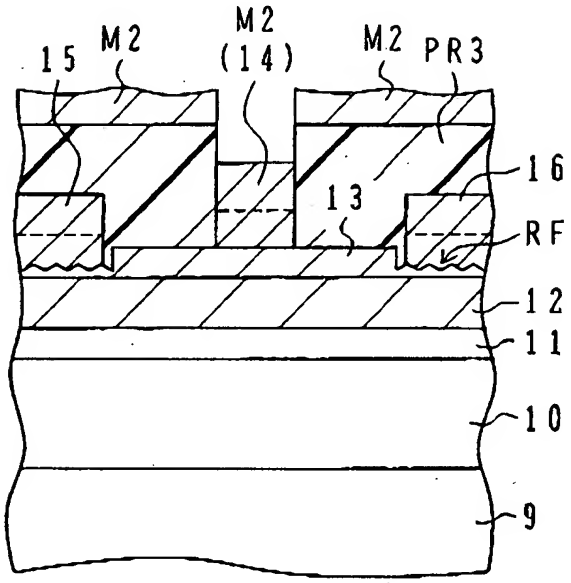

FIG.1D

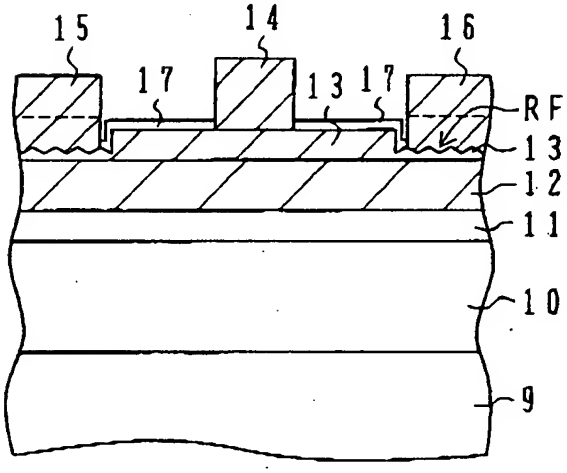

FIG.2A

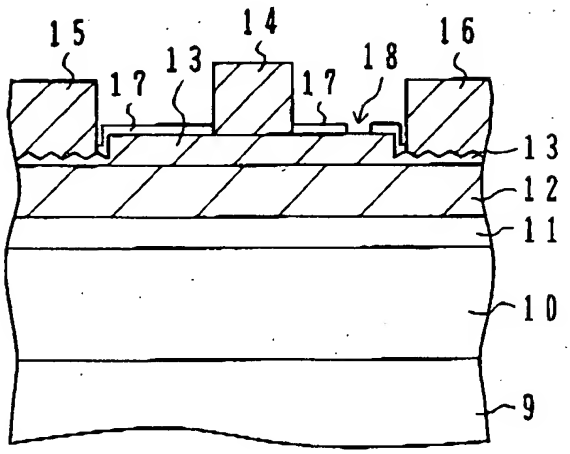

FIG.2B

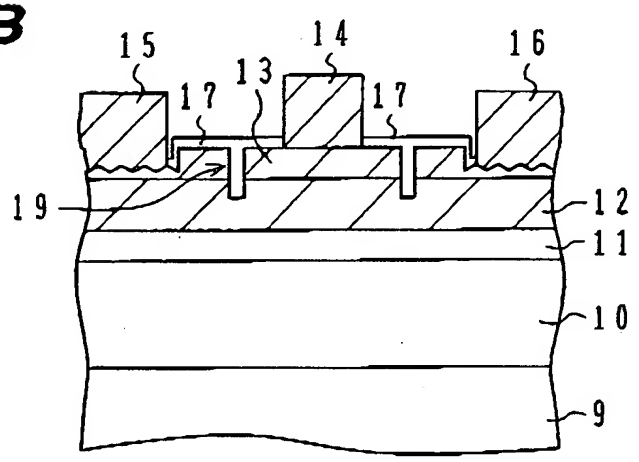

FIG.2C

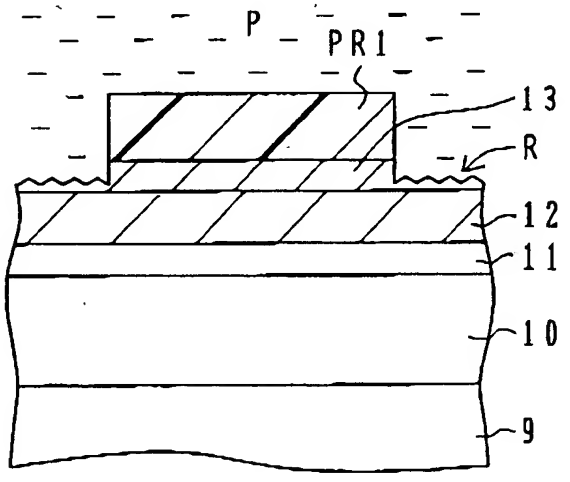

FIG.3

	RELATED ART (FIG. 8C)	STOP DRY ETCHING AT GaN	
		WITH LEAK CUT (FIG. 2B)	WITHOUT LEAK CUT (FIG. 1D)
CONTACT RESISTANCE	$1\times10^{-3}\sim1\times10^{-4}\Omega cm^{-2}$	$7\times10^{-6}\sim3\times10^{-5}$	$7\times10^{-6}\sim3\times10^{-5}$
ON-RESISTANCE	12Ωmm	6~8	6~8
TWO-TERMINAL REVERSE CURRENT @100 V	100μA/mm	1	50
gm	140mS/mm	220	220

FIG.4A

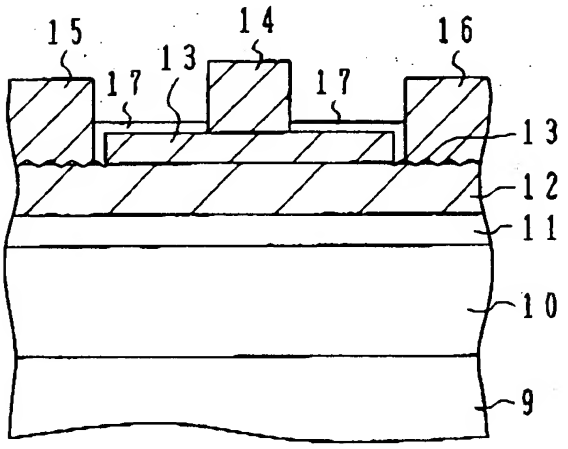

FIG.4B

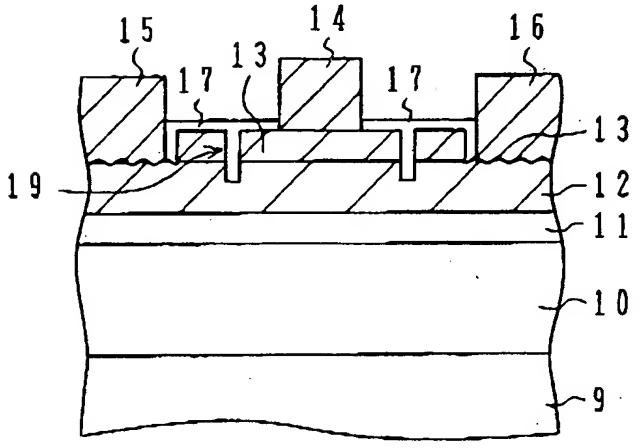

FIG.5

	RELATED ART (FIG. 8C)	STOP DRY ETCHING AT INTERFACE BETWEEN AlGaN AND GaN	
		WITH LEAK CUT (FIG. 4B)	WITHOUT LEAK CUT (FIG. 4A)
CONTACT RESISTANCE	$1\times10^{-3}\sim1\times10^{-4}\Omega cm^{-2}$	$5\times10^{-6}\sim1\times10^{-5}$	$5\times10^{-6}\sim1\times10^{-5}$
ON-RESISTANCE	12Ωmm	6~7	6~7
TWO-TERMINAL REVERSE CURRENT @100 V	100μA/mm	1	50
gm	140mS/mm	250	250

FIG.6A

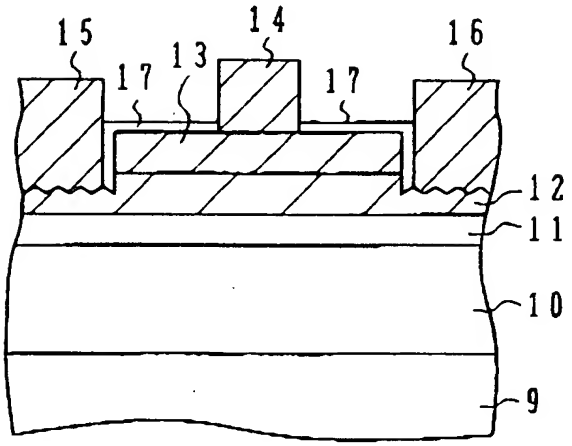

FIG.6B

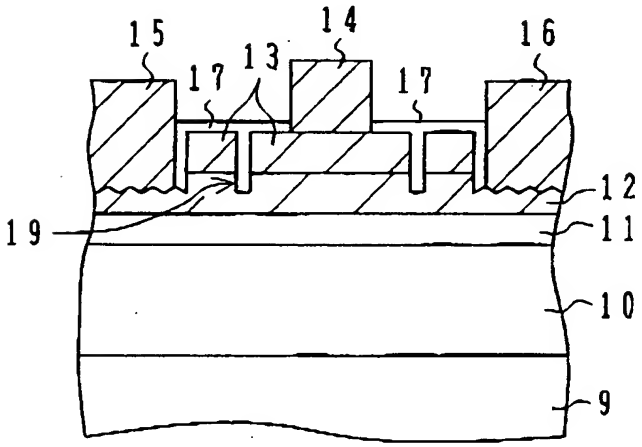

FIG.7A

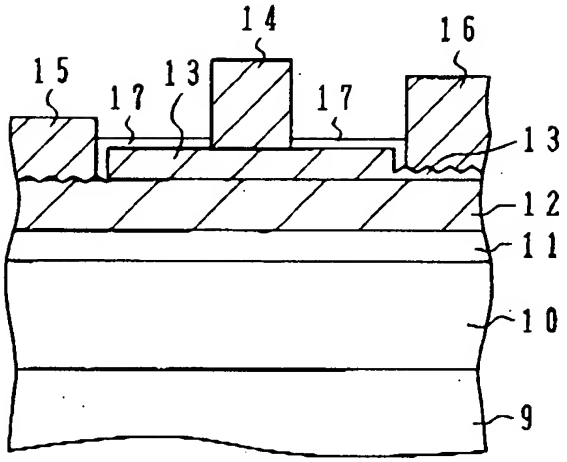

FIG.7B

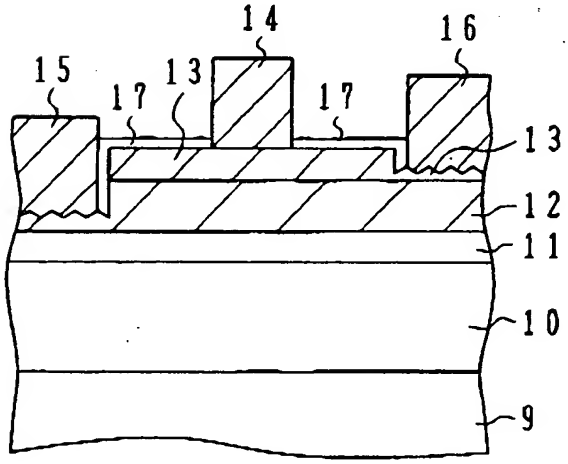

FIG.8A
PRIOR ART

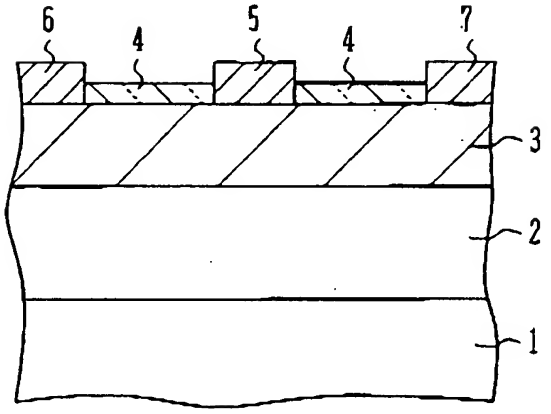

FIG.8B
PRIOR ART

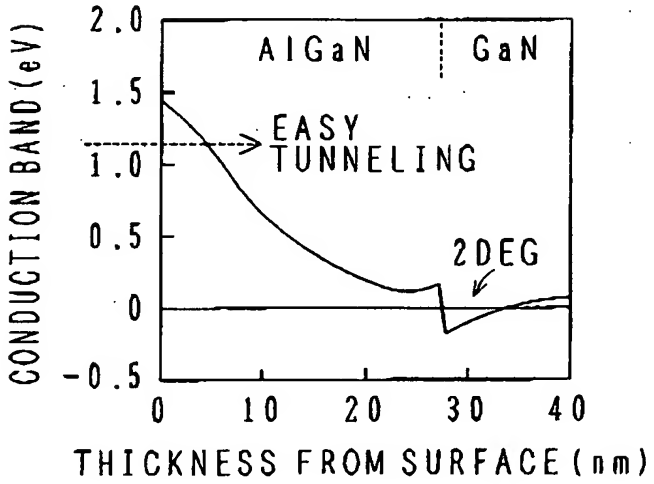

FIG.8C
RELATED ART

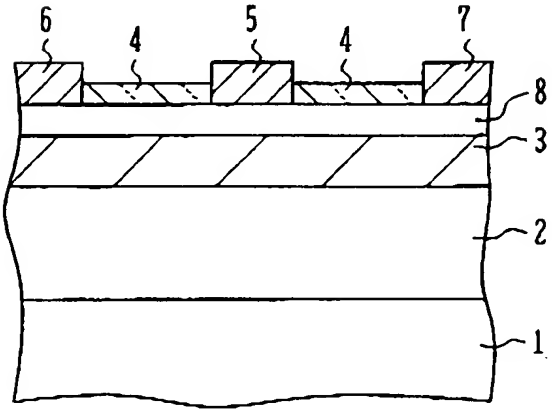

FIG.8D
RELATED ART